

HPI Series Cable Assemblies

With LA Type Cable

HPI High Performance Interconnect cable assemblies are now available with LA190S cable with SMA and 2.92mm interfaces. The usage of ultralow density microporous PTFE dielectric in the LA series cables provide lower attenuation and better phase stability when compared to other cables. LA190S cable assemblies are ideally suited for high end RF/Microwave systems for the military, commercial, test, and production lab applications.

Features

- HPI High Performance Interconnect
- Available with LA190S and LA290S cables
- LA190S 28GHz, LA290S 18GHz
- LA Low Attenuation cable series
- Solid center conductor cable construction
- Standard FEP Jacket for up to 200°C operation
- Stainless Steel connectors designed to MIL-C-39012 specs

Benefits

- Proven performance and reliability of LA290S assemblies transfer to LA190S assemblies
- High quality through Semflex's vertical integration; making cable, connectors, and assemblies

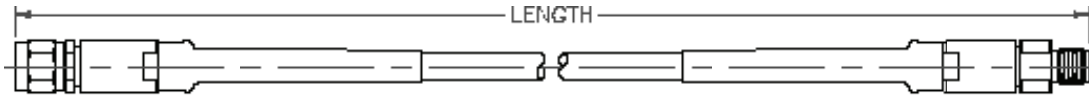
Applications

- High end RF/ Microwave applications where low loss and phase stability are critical
- Applications with LA290S assemblies with need to expand frequency to 28 GHz
- Military, laboratory, high performance commercial



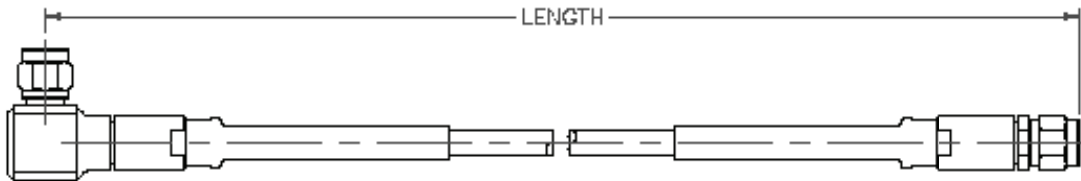
**2.92 mm and SMA Connectors
Now Available with LA190 Cable**

HPI Series Assemblies Construction and Lengths Definitions



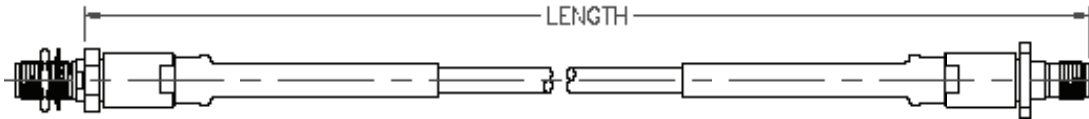
Straight Male/Female

Straight Male/Female



Right Angle/Swept Male

Straight Male/Female

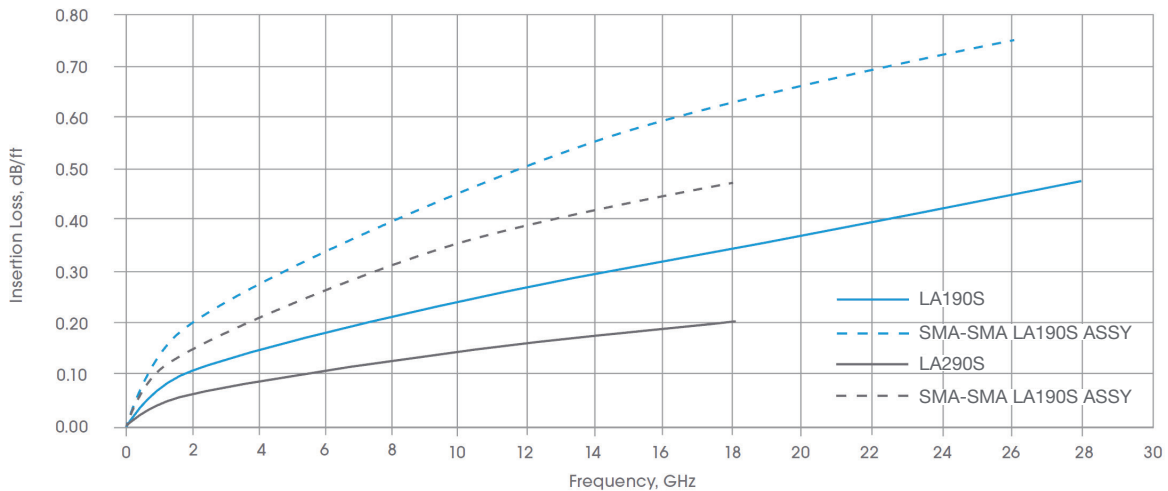


Female Bulkhead

Female Flange

Typical Insertion Loss Performance of LA Cables and Assemblies

LA Cables and SMA-SMA Cable Assemblies Insertion Loss, dB/ft



Cinch Connectivity Solutions reserves the right to change specifications without notice



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